



Hunters Point Radiological Program Update

Hunters Point Naval Shipyard
BCT Meeting
December 19, 2013



Overview

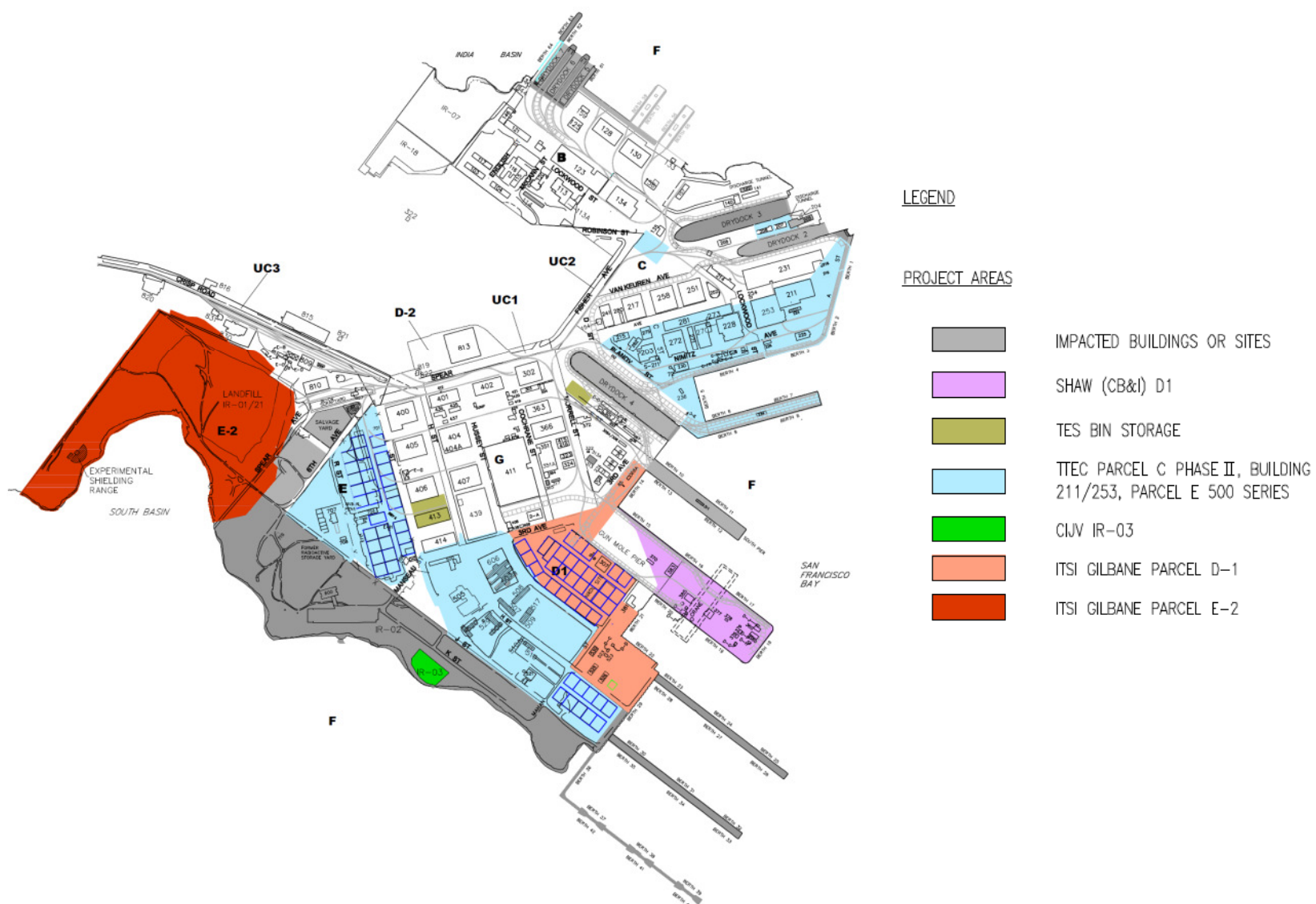


Radiological Project Work Overview

- Current Project Map
- Parcel C
 - Phase II Field Work
 - Ship Berth Survey
 - Building 253 and 211 Survey
- Parcel E
 - 500 Series Reports
 - "I Street" SS/SD Removal
- Parcel D-1
- FSS Report Status



2013 Radiological Projects





Parcel C - Phase II

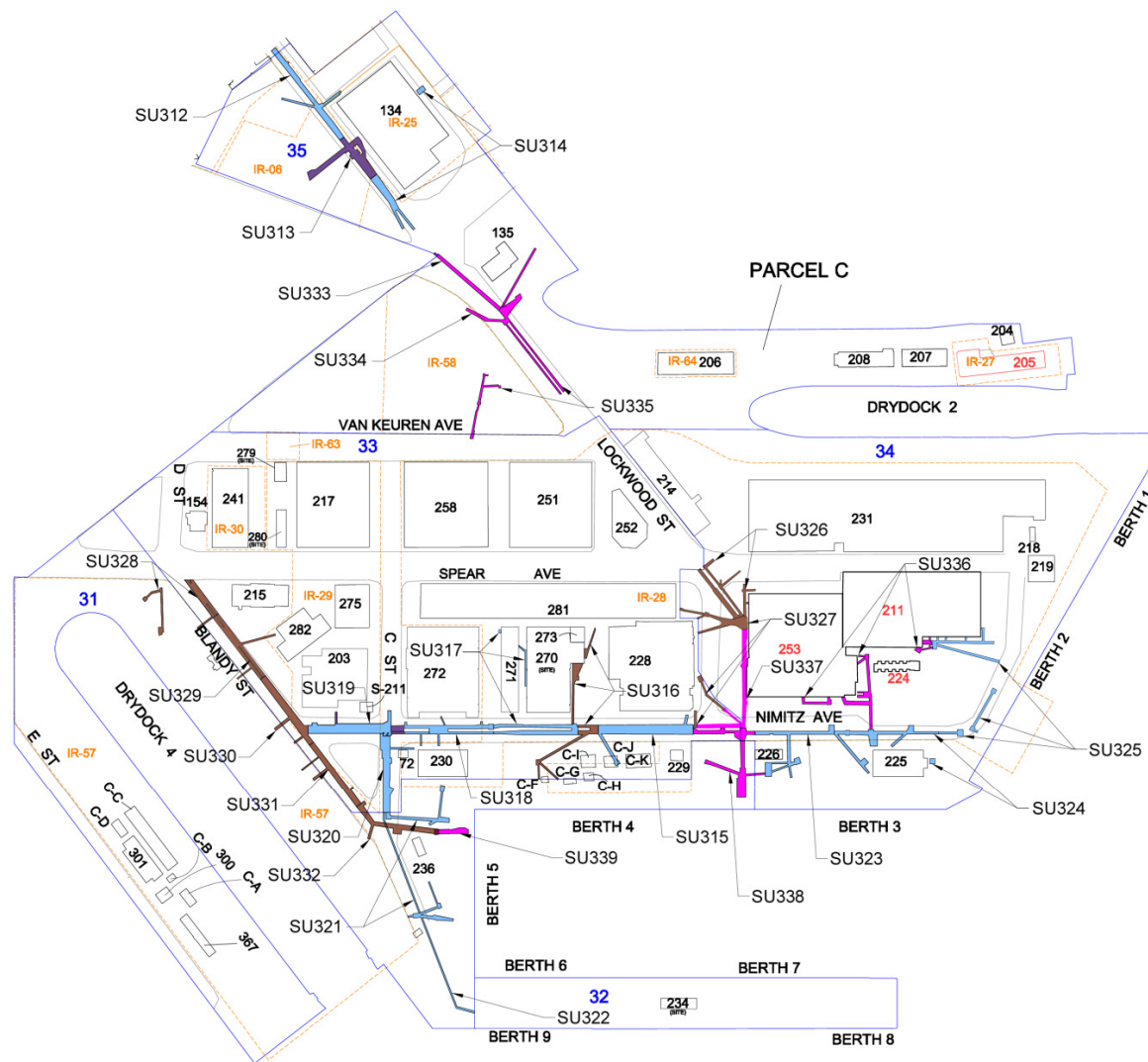


Parcel C SS/SD line removal:

- Phase II – 14,020 of 14,300 linear feet of SS/SD lines (98%) and 30,135 cubic yards have been excavated.
- Began construction of approximately 2,000 LF of the storm water drainage system (see Slide 6)
- 29 Trench Units (TUs) Excavated to date:
 - 7 – Active trenches (undergoing sampling, survey, and/or remediation)
 - 2 – Radiologically cleared trenches; turned over to CB&I
 - 8 – Backfilling/Restoration of trenches (installing drainage swales/piping)
 - 12 – Backfilled/Restored trenches



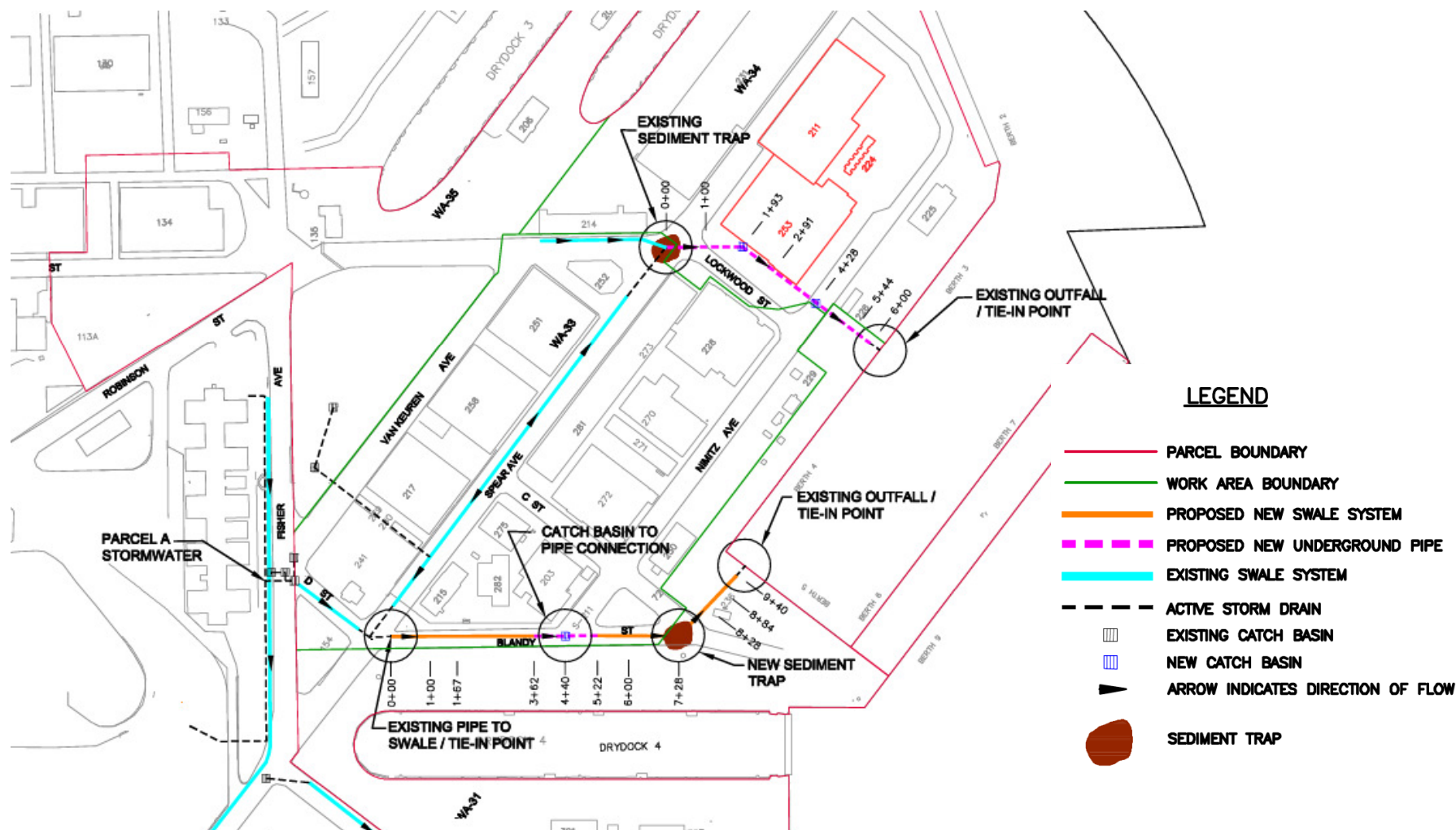
Parcel C - Phase II



- ACTIVE TRENCH UNITS (QTY = 7)
- TRENCH UNITS THAT HAVE PASSED SCREENING SAMPLING BUT WAITING FOR DEFINITIVE DATA (QTY = 0)
- TRENCH UNITS THAT HAVE PASSED DEFINITIVE DATA BUT WAITING FOR BACKFILL APPROVAL (QTY = 0)
- APPROVED FOR BACKFILL (QTY = 0)
- PORTION OF TRENCH UNIT LEFT OPEN AND TRANSFERRED TO CB&I (QTY = 2)
- CURRENTLY BACKFILLING/SITE RESTORATION (QTY = 8)
- BACKFILLED/RESTORED (QTY = 12)



Parcel C Storm Water Drainage System





Parcel C - Ship Berth Surveys



Terrestrial (soil) Survey Units:

- Survey Units 2, 3, 6, and 7 – Surveys complete
- Survey Unit 9 – Awaiting lab results
- Survey Units 1, 4, 5, and 8 – Characterization sampling and remediation being performed

Cantilevered (concrete) Survey Units:

- Survey Units 10-13 – Surveys complete



Parcel C Phase II - Field Activities



Backfilling TU 330 along Blandy St.



Backfilling TU 325



Collecting swipe sample at Ship Berth SU 10



Collecting gamma static reading at Ship Berth SU 10



Buildings 253 and 211



Removal and survey of ventilation system

- 89% removed

Building 211 "Wooden Extension" demolition

- 75% surveyed and screened

Building 253

- Began characterization surveys of floor surfaces



Buildings 253 and 211



Staging of Building 211 Extension demolition debris for scanning



Preparing for duct work removal



Floor scanning with single wide detector cart



Floor scanning with multiple detector array



Parcel C & E Upcoming Work



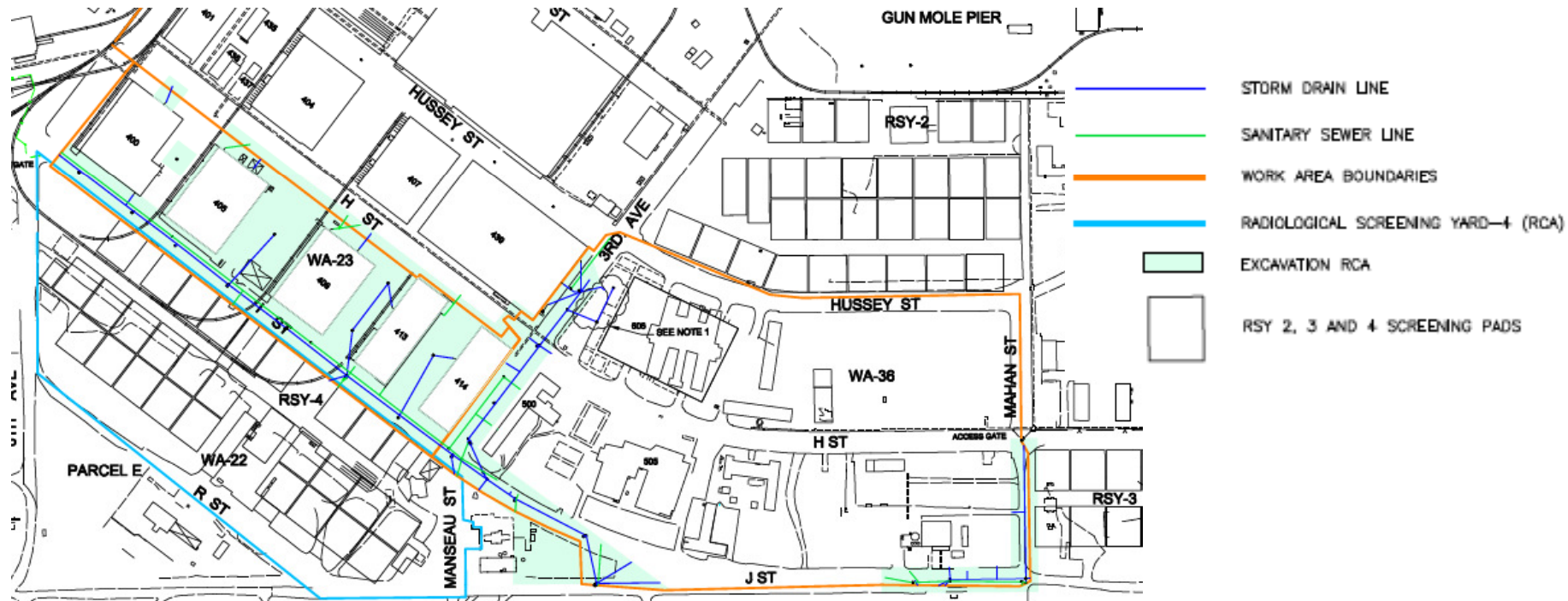
- Parcel C- Phase I
 - Internal Draft North Pier FSS Report
- Parcel E- 500 Series
 - Internal Draft Former Shacks 79/80 FSS Report
 - Internal Draft 500 Series Area FSS Report
 - Internal Draft 707 Triangle Area FSS Report
- Confirmation Samples
 - Bldg. 520 confirmation samples awaiting pick-up



Parcel E SS/SD Removals "I Street"



- Execution Plan and Design Plan Finalized
- Field work to begin January 2014





Parcel D-1 Phase I



- Phase I
 - Gun Mole Pier
 - Comments received on Draft FSS report on Dec 5
 - Final FSS report anticipated January 13
 - Phase I RACR
 - Final RACR anticipated January 16
 - Confirmation samples
 - Gun Mole Pier samples awaiting pick-up



Parcel D-1 Phase II



Phase II

- Completed 100% removal of the SS/SD lines at Parcel D-1
- Ongoing survey and sampling of the excavated soil on RSY pads and trench excavation
- Soil samples from first round of RSY pads submitted to laboratory
- Completed survey and sampling of the wooden railroad ties
- Staged railroad ties for T&D



Parcel D-1 Phase II



Upcoming work:

- Obtain authorization to backfill SS/SD trench excavations (completion of data packages is awaiting lab results)
- Transport and disposal of rail ties (completion of data packages for waste acceptance authorization is awaiting lab results)
- Complete surveys of the NRDL site and Ship Berths
- Conduct backfill and site restoration at D-1



Parcel D-1 Field Activities



Rail Ties staged for GWS



Excavation of SS/SD



Excavation of SS/SD and dust control



Excavation of SS/SD



Parcel D-1 Ongoing Work



Rail Ties Staged for T/D



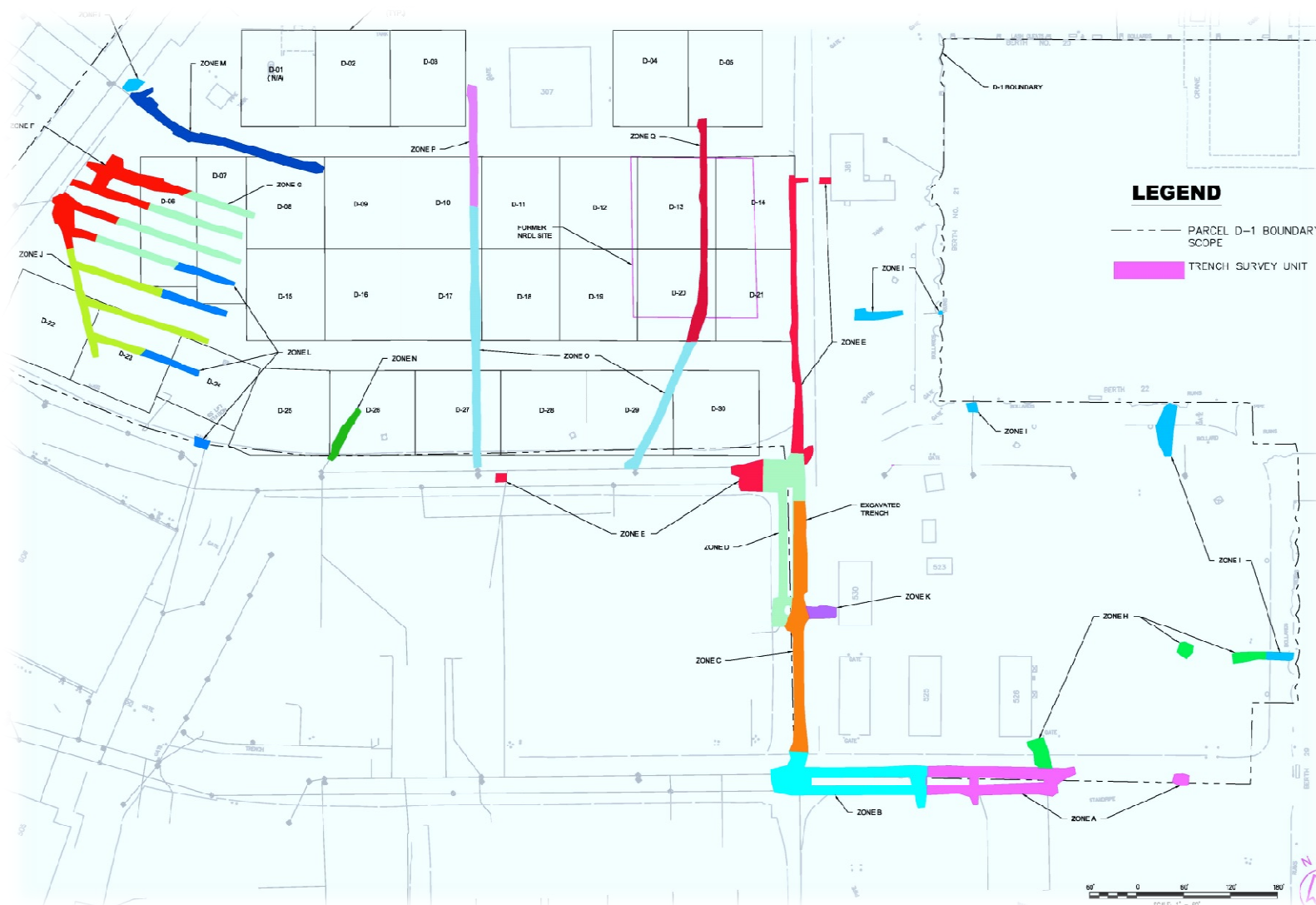
GWS Survey of excavated soil from trench on RSY Pad



GWS Survey of excavated trench



Parcel D-1 Phase II Trench Excavation Layout





Parcel D-1 Phase II Project Schedule



Mobilization	Completed
Site Prep Activities	Completed
Waste Characterization of Railroad Ties	Ongoing
Final Status Surveys of the Ship Berths	Ongoing
SS/SD Excavation	Completed
SS/SD Survey and Sampling	Ongoing
Backfill/Site Restoration	January 2014
Field Work Completion & Demobilization	February 2014



FSS Report Status Parcels C, D-1, & E

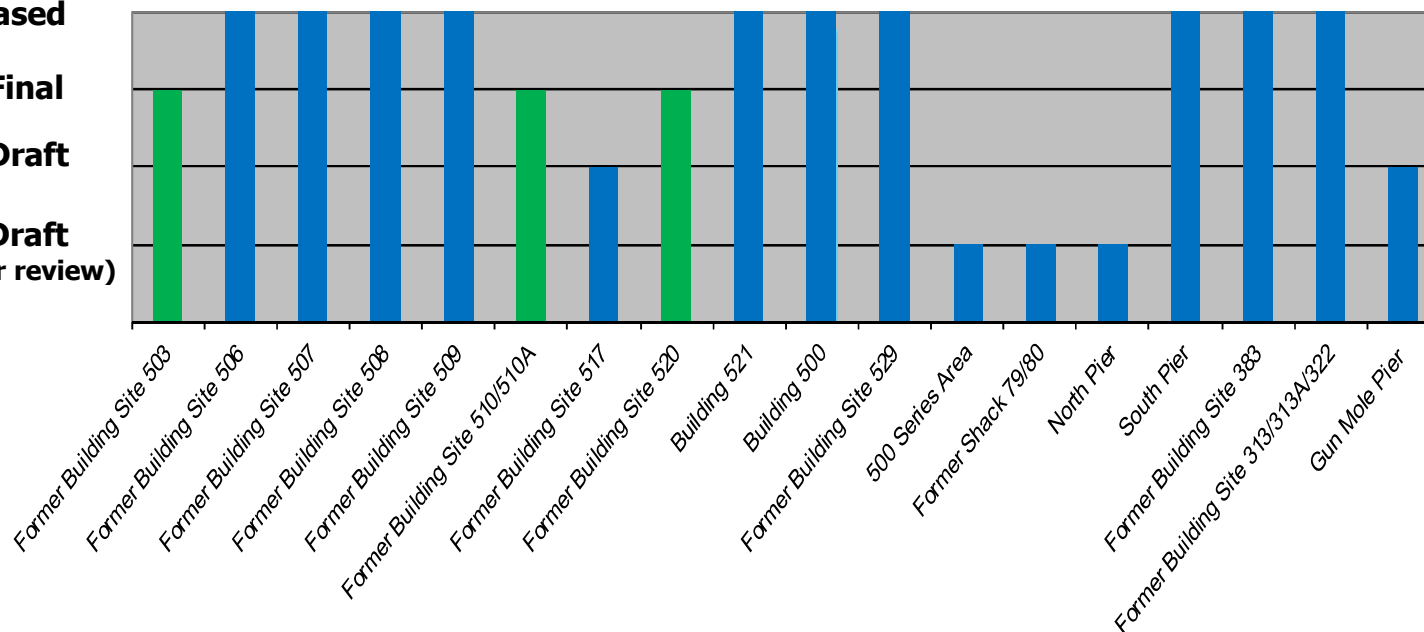


Free-Released

Final

Draft

Internal Draft
(Data under review)



Waiting for concurrence for
Free-Release determination





Comments, Questions, Concerns ?